AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 10/599,111

Attorney Docket No.: Q96963

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A method of vulcanization-molding a rubber material by

heating a vulcanization mold and pushing the rubber material onto a shaping face of the mold

through a pressure supplied to an interior of the mold, wherein a low-pressure fluid is supplied to

the interior of the mold at an initial stage of the vulcanization molding and thereafter after a start

of a vulcanization of the rubber material the pressure of the fluid is increased stepwise or

stepless.

2. (currently amended): A method of vulcanization-molding a rubber material

according to claim 1, wherein a low temperature fluid is supplied to the interior of the

vulcanization mold at the initial stage of the vulcanization molding and thereafter after the start

of the vulcanization of the rubber material the temperature of the fluid is increased stepwise or

stepless.

3. (previously presented): A method of vulcanization-molding a rubber material

according to claim 1, wherein two fluids having different pressures and temperatures are

selectively supplied to the interior of the vulcanization mold.

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4. (currently amended): A method of vulcanization-molding a rubber material according to claim 1, wherein after the supply of the fluids low-pressure fluid to the interior of the vulcanization mold, an inert gas having a pressure higher than those that of the fluids low-

pressure fluid is supplied to the mold.

5. (previously presented): A method of vulcanization-molding a rubber material according to claim 1, wherein the fluid is a steam, a warm water or a hot air.

6. (previously presented): A method of vulcanization-molding a rubber material according to claim 1, wherein a time at the initial stage of the vulcanization molding is within a range of 0.5-3 minutes and a pressure of a steam supplied to the vulcanization mold in such a time is within a range of 0.5-1.0 MPa.

7. (new): A method of vulcanization-molding a rubber material according to claim 1, wherein the low-pressure fluid has a pressure of not higher than 1.0 MPa.

8. (new): A method of vulcanization-molding a rubber material according to claim 1, wherein the low-pressure fluid has a pressure of 0.5-1.0 MPa.